Practitioner's Docket No. 297/93/2

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In application of: Petitte et al. PADEMA pplication No.: 09/757,054

Group No.: 1651

Filed: 01/08/2001

Examiner: Lankford, Jr.

For:

METHOD OF PRODUCING AN UNDIFFERENTIATED AVIAN CELL CULTRUE USING

AVIAN PRIMORDIAL GERM CELLS

Commissioner for Patents Washington, D.C. 20231

AMENDMENT TRANSMITTAL

RECEIVED

1. Transmitted herewith is an amendment for this application.

MAR 2 5 2002

STATUS

TECH CENTER 1600/2900

2. Applicant is a small entity.

EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. 1.136 apply. Applicant petitions for an extension of time under 37 C.F.R. 1.136 (fees: 37 C.F.R. 1.17(a)(1)-(4)) for three months:

Fee:

\$460.00

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. 1.8(a))

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

"Express Mail" mailing number: EV023031831US

Date: 18 March 2002

FACSIMILE

transmitted by facsimile to the Patent and Trademark Office.

Signaturæ

Paige E. Snyder

(type or print name of person certifying)

(Amendment Transmittal--page 1 of 2)





FEE FOR CLAIMS

RECEIVED

MAR 2 5 2002

The fee for claims (37 C.F.R. 1.16(b)-(d)) has been calculated as shown below:	MAR & C EGGE
	TECH CENTER 1600/2900

	(Col.1)		(Col. 2)	(Col. 3) SMALL ENTITY			1201103
Claims Remaining After Amendment			Highest No. Previously Paid For	Present Extra	Rate	Addit. Fee	
Total	11	Minus	43	= 0	x \$9 =	\$0	
Indep.	1	Minus	3	= 0	x \$42 =	\$0	
First Presentation of Multiple Dependent Claim					+ \$140 =	\$0	
					Total Addit. Fee	\$0	

If the entry in Col. 1 is less than the entry in Col. 2, write "O" in Col. 3,

No additional fee for claims is required.

FEE PAYMENT

5. Attached is a check in the sum of \$460.00.

FEE DEFICIENCY

6. If any additional extension and/or fee is required, charge Account No. 50-0426. If any additional fee for claims is required, charge Account No. 50-0426.

Reg. No.: 39,395

Tel. No.: 919-493-8000 Customer No.: 25297

Signature of Practitioner

Arles A. Taylor

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Durham, NC 27707

(Amendment Transmittal--page 2 of 2)

If the "Highest No. Previously Paid For" IN THIS SPACE (Column 2, Row 1) is less than 20, enter "20". If the "Highest No. Previously Paid For" IN THIS SPACE (Column 2, Row 2) is less than 3, enter "3". The "Highest No. Previously Paid For" (Total or Indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

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MAR 2 5 2002

TECH CENTER 1600/2908 ATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Petitte et al.

Group Art Unit: 1651

Serial No.: 09/757,054

Examiner: Lankford, Jr., L. B.

Filed: January 8, 2001

Docket No.: 297/93/2

METHOD OF PRODUCING AN UNDIFFERENTIATED AVIAN CELL CULTURE For:

USING AVIAN PRIMORDIAL GERM CELLS

COPY OF PAPERS ORIGINALLY FILED

AMENDMENT A

Commissioner for Patents Washington, D.C. 20231

Sir:

This is responsive to the Official Action dated September 19, 2001, having a term that expired on December 19, 2001. A Petition for a 3-month Extension of Tim up to and including March 19, 2002, together with a \$460.00 check for the requisite extension fee, is enclosed. Favorable reconsideration is respectfully requested in vi w of the following Amendments and Remarks.

AMENDMENTS

IN THE CLAIMS:

Please cancel claims 1-43 without prejudice.

Please add the following new claims:

44. (New) A sustained culture of undifferentiated avian cells expressing an embryonic stem cell phenotype, comprising a preconditioned feeder matrix; conditioned media; and avian primordial germ cells and avian stromal cells collected from an avian embryo later than stage 14 (H&H) and grown in the sustained culture to produce undifferentiated avian cells expressing an embryonic stem cell phenotype